

<p align="center">NATIONAL PHASE UTILITY APPLICATION</p> <p align="center">Transmittal to the (DO/EO/US) Under 35 USC 371</p>	<p>Attorney Docket No.: WPTHOM9.001APC First Named Inventor: Wei-Ping Chen Int'l Application No.: PCT/GB2005/000112 Int'l Filing Date: 14 January 2005 Priority Date Claimed: 14 January 2004 Title: METALLOCENE-BASED CHIRAL PHOSPHINE OR ARSINE LIGANDS Express Mail Label No.: EV 466896836</p>
<p>Direct all correspondence to Customer No.: 20995</p> <p align="right">Date: July 13, 2006 Page 1 of 3</p>	

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. Wei-Ping Chen
2. John Whittall

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) The U.S. has been elected (Article 31).
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 11 pages.

**NATIONAL PHASE
UTILITY APPLICATION**
Transmittal to the (DO/EO/US)
Under 35 USC 371

Attorney Docket No.: WPTHOM9.001APC
First Named Inventor: Wei-Ping Chen
Int'l Application No.: PCT/GB2005/000112
Int'l Filing Date: 14 January 2005
Priority Date Claimed: 14 January 2004
Title: METALLOCENE-BASED CHIRAL PHOSPHINE OR
ARSINE LIGANDS
Express Mail Label No.: EV 466896836

Direct all correspondence to Customer No.: 20995

Date: July 13, 2006
Page 2 of 3

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
- (X) Listing 27 references.
 - (X) Enclosing 18 references.
- (X) PCT Request (form PCT/RO/101) for International Application No. PCT/GB2005/000112.
- (X) PCT Notification Concerning Transmittal of copy of International Application as published or republished (form PCT/IB/311) for PCT/GB2005/000112.
- (X) PCT Written Opinion of International Searching Authority (PCT rule 43*bi*.1) for International Application No. PCT/GB2005/000112.
- (X) PCT International Search Report for PCT International Application No. PCT/GB2005/000112.
- (X) PCT International Publication No. WO 2005/068477 A1.
- (X) Return prepaid postcard.

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USPTO 13 JUL 2006

NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371	Attorney Docket No.: WPTHOM9.001APC First Named Inventor: Wei-Ping Chen Int'l Application No.: PCT/GB2005/000112 Int'l Filing Date: 14 January 2005 Priority Date Claimed: 14 January 2004 Title: METALLOCENE-BASED CHIRAL PHOSPHINE OR ARSINE LIGANDS Express Mail Label No.: EV 466896836
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FILING FEES:

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		1631 (\$300)		\$300
Search Fee under 1.492(b) <i>(enter one in TOTAL column)</i>				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1640 (\$0)		\$400
(2)	USPTO was the ISA (noncompliant claims)	1641 (\$100)		
(3)	Foreign Search Report Enclosed	1642 (\$400)		
(4)	No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) <i>(enter one in TOTAL column)</i>				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1643 (\$0)		\$200
(2)	Non US IPEA or Noncompliant Claims	1633 (\$200)		
Excess Claims	21 - 20 = 1	1615 (\$50)	1 x 50 =	\$50
Excess Ind. Claims	2 - 3 = 0	1614 (\$200)	0 x 200 =	\$0
Application Size Fee	? - 100 = 0	1681 (\$250)	0 x 250 =	\$0
			TOTAL FEE DUE	\$950
TOTAL FEE PAID (If Different Than Fee Due)				\$950

(X) A check in the amount of **\$950** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



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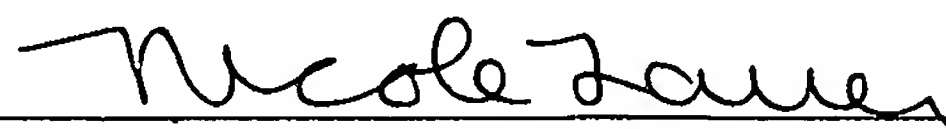
Attorney Docket No. : WPTHOM9.001APC
Applicant(s) : Chen, et al.
For : METALLOCENE-BASED CHIRAL
PHOSPHINE OR ARSINE LIGANDS
Attorney : Rose M. Thiessen
"Express Mail" Label No. : EV 466896836 US
Date of Deposit : July 13, 2006

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; Preliminary Amendment in 11 pages; PCT request form PCT/RO/101, PCT International Publication No. WO 2005/68477 A1; PCT Notification Concerning Transmittal of International Application (form PCT.IB/311); PCT Written Opinion for PCT/GB2005/000112; PCT Search Report for PCT/GB2005/000112; Information Disclosure Statement, listing 27 references and enclosing 18 references; Check for Filing Fees; Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.


Name: Nicole Lauer
Docketing Agent

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